MATHEMATICS ACHIEVEMENT OF STUDENTS IN SLC EXAMINATION

A THESIS

BY

RANJIT KUMAR YADAV FOR THE PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE DEGREE OF MASTER OF EDUCATION

SUBMITTED

TO

DEPARTMENT OF MATHEMATICS EDUCATION
CENTRAL DEPARTMENT OF EDUCATION
UNIVERSITY CAMPUS
TRIBHUVAN UNIVERSITY
KIRTIPUR, KATHMANDU
2015



त्रिभुवन विश्वविद्यालय शिक्षा शास्त्र संकाय

शिक्षा शास्त्र केन्द्रीय विभाग

TRIBHUVAN UNIVERSITY FACULTY OF EDUCATION CENTRAL DEPT. OF EDUCATION

विश्वविद	ग्रालय क्या	म्पस
	काठमाडौँ,	
	8339339	

UNIVERSITY CAMPUS Kirtipur, Kathmandu, Nepal Tel. No.: 4331337

मिति:	
Date	*******************
Date.	

पत्र संख्या:-Ref.

CERTIFICATE

This is to certify that Mr. Ranjit Kumar Yadav, a student of academic year 2067/2068 with campus Roll No 561, Thesis No. 909, Exam Roll No.281560, T.U. Regd. No:9.-2-229-92-2006 has completed this thesis under my supervision, during the period prescribed by rules and regulation of Tribhuvan University, Nepal. The Thesis entitled "Mathematics Achievement of Students in SLC Examination" embodied the results of his investigation conducted during the period of 2014-2015 under the Department of Mathematics Education, University Campus, Tribhuvan University, Kritipur, Kathmandu. I recommend and forward that this thesis be submitted for the evaluation to award the Degree of Master of Education.

•••••	••••••
(Mr. Lok Nath Battarai)	Mr. Laxmi Narayan Yadav
Supervisor	Head
Date	



त्रिभुवन विश्वविद्यालय शिक्षा शास्त्र संकाय

शिक्षा शास्त्र केन्द्रीय विभाग

TRIBHUVAN UNIVERSITY FACULTY OF EDUCATION CENTRAL DEPT. OF EDUCATION

विश्वविद्यालय क्याम्पस कीर्तिपुर, काठमाडौँ, नेपाल फोन नं.: ४३३१३३७

UNIVERSITY CAMPUS Kirtipur, Kathmandu, Nepal Tel. No.: 4331337

मिति: Date:	
Date:	

पत्र संख्या:-Ref.

LETTER OF APPROVAL

Thesis Submitted

By

Ranjit Kumar Yadav

Entitled

Mathematics Achievement of Students in SLC Examination

has been approved in partial fulfillment of the requirement for the Degree of Master of Education.

Committee for the Viva-Voce		Signature	
1.	Mr. Laxmi Narayan Yadav		
	(Chairman)		
2.	Prof. Hari Prashad Upadhyay		
	(Member)		
3.	Mr.Lok Nath Bhattarai		
	(Member)		
Date:			

ACKNOWLEGEMENT

This study is the result of continuous support and cooperation of many people. It would not be possible without their cooperation especially the members of Department of Mathematic Education, University Campus, T.U.

I owe a deep gratitude to Mr. Lok Nath Bhattarai, Department of Mathematics Education, Central Department of Education for his invaluable guidance, suggestion and encouragement given to me at every stage from selection of the problem till the completion of the thesis. His keen interest and able guidance in this research have been a source of great inspiration for me. I would like to express my sincere appreciation to my teachers Mr. Laxmi Narayan Yadav Head, Department of Mathematics Education, Prof. Dr. H.P. Upadhyay, Prof. Dr. Min Bahadur Shrestha, Prof. Dr. Lekhnath Sharma, Mr. Abatar Subedi and to all my respected teachers of department of Mathematics Education, University Campus Kirtipur for guiding me whenever it was needed.

I am always indebt towards my parent's contribution in my study. Similarly, I would like to express my appreciation to Mr. Upendra Mandal and all members of District Education Office Dhanusha and other friends who helped directly and indirectly in this thesis

Lastly, I would like to express my appreciation to Brother Pradeep Kumar Yadav for his help in tying, printing and organization my research.

Ranjit Kumar Yadav

ABSTRACT

This is a comparative study related to the achievement of students in mathematics at SLC Level Examination of Dhanusha district. The objectives of this study were to compare the mathematics achievement of students in the SLC Level Examination. This study also compares the Mathematics achievements of Public Schools students and Private Schools students by cast difference and to analyze the achievements of the students.

The design of this study was a small scale survey. The population of this study was 8655 students of SLC Level Examination and the sample of this study were 610 students, selected by randomly. The main instrument of the study was an achievement Score and Mark ledger of SLC Examination. The mean, standard deviation and two tailed t-test were used as statistical tool for analysis of data at 0.05 level of significance. This study tried to find the difference of mathematics achievement among Dalit, Yadav, Sah and Brahmin students of Public School and Private schools. From the finding of study it was concluded that the mathematics achievement of Brahmin is better than the Dalit students. It is also concluded that Yadav and Sah students have better achievement than Dalit students. And concluded that the Private school students have better achievement than Public school students.

TABLE OF CONTENTS

	Page No
Letter of Approval	i
Letter of Certificate	ii
Acknowledgements	iii
Abstract	iv
Table of Contents	V
List of Table	vii
Chapters	
I: INTRODUCTION	1-8
Background of the Study	1
Statement of the Problem	4
Objectives of the Study	5
Significance of the Study	5
Hypothesis of the study	6
Delimitation of the Study	7
Definition of the Related Term	7
II: REVIEW OF THE RELATED LITERATUTRE	9-13
III: METHODS AND PROCEDURES	14-16
Design of the Study	14
Population of the study	14
Sample of the Study	14
Instruments	16
Data Collection Procedure	16
Data analysis Procedure	16
IV: ANALYSIS AND INTERPRETATION OF DATA	17-30
Comparison of Mathematics Achievement of Dalit, Yadav, Sah & Brahmin Students of Public School	18
Comparison of Mathematics Achievement of Dalit, Yadav, Sah & Brahmin Students of Private School	18

Comparison of Mathematics Achievement of Dalit, Yadav, Sah & Brahmin Students	19
Comparison of the Mathematics achievement of Dalit and Yadav Of Public Schools in SLC Examination	20
Comparison of the Mathematics achievement of Dalit and Sah Students of Public Schools	21
Comparison of the mathematics Achievement of Dalit and Brahmin Students of Public School	22
Comparison of the Mathematics achievement of Yadav and Sah Students of Public School.	23
Comparison of the Mathematics Achievement of Sah and Brahmin students in Publics Schools.	23
Comparison of the Mathematics Achievement of Public Schools Yadav and Brahmin Students.	24
Comparison of the Mathematics achievement of Dalit and Yadav students of Private Schools.	25
Comparison of the Mathematics achievement of Dalit and Sah students of Private school.	26
Comparison of the Mathematics achievement of Dalit and Brahmin students of Private Schools.	26
Comparison of the Mathematics achievement of Yadav and Sah students of Private Schools.	27
Comparison of the Mathematics achievement of privet Schools Yadav and Brahmin students of private Schools.	28
Comparison of the Mathematics achievement of Sah and Brahmin students of private Schools.	29
Comparison of the Mathematics achievement of Public and Private of Schools students of SLC level Examination.	29
V: SUMMARY, FINDINGS, CONCLUSION AND RECOMME	NDATION 31-34
Summary	31-34
Findings	32
Conclusion	33
Recommendation	33
REFERENCES	35-36
APPENDICES	37-40

LIST OF TABLE

Table No.		ges	
1.	The detail description of sample of public school students	15	
2.	The detail description of sample of private school students	15	
3.	Comparison of Mathematics achievement of public school students	18	
4.	Comparison of Mathematics achievement of private school students	19	
5.	Comparison of Mathematics achievement of students	20	
6.	Comparison of Mathematics achievement of Dalit and Yadav		
	students	20	
7.	Comparison of Mathematics achievement of Dalit and Sah students	20	
8.	Comparison of Mathematics achievement of Dalit and Brahmin		
	students	21	
9.	Comparison of Mathematics achievement of Yadav and Sah students	22	
10.	Comparison of Mathematics achievement of Sah and Brahmin		
	students	23	
11.	Distribution of Mean, Standard deviation and t-value of Yadav		
	and Brahmin students.	24	
12.	Comparison of Mathematics achievement of Dalit and Yadav		
	students	24	
13.	Comparison of Mathematics achievement of Dalit and Sah students	25	
14.	Distribution of Mean, Standard deviation and t-value of Dalit and Brahmin		1
	students.	26	
15.	Distribution of Mean, Standard deviation and t-value of Yadav		
	and Sah students.	27	
16.	Comparison of Mathematics achievement of Yadav and Brahmin students 2		27
17.	Comparison of Mathematics achievement of Yadav and Brahmin stud	lents	28
18.	Comparison of Mathematics achievement of Public and Private		
	school students	29	